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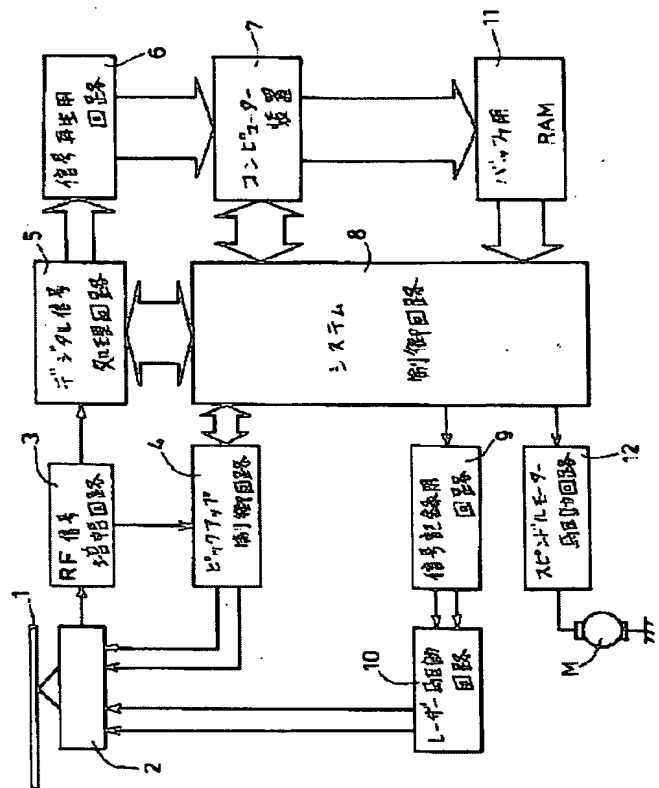
APPLICATION DATE : 17-05-01
APPLICATION NUMBER : 2001147723

APPLICANT : SANYO ELECTRIC CO LTD;

INVENTOR : HANAMOTO YASUTSUGU;

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TITLE : METHOD FOR CONTROLLING
RECODING OF OPTICAL DISK
RECORDING AND REPRODUCING
APPARATUS



ABSTRACT : PROBLEM TO BE SOLVED: To provide an optical disk recording and reproducing apparatus which can record a signal on a disk by using a laser radiated from an optical pickup.

SOLUTION: This optical disk recording and reproducing apparatus interrupts a recording operation to the disk when the quantity of signals stored in a RAM for a buffer to temporarily store recording signals is equal to or less than a set value for interruption during the recording operation to the disk. When the quantity of signals stored in the RAM for the buffer is increased to a set value for restart, the apparatus reproduces the signals recorded on the disk before the interruption and resumes the recording operation on the basis of the reproduced signal, and further carries out recoding operations at a plurality of recording rates. When the number of read errors of positional information data reproduced from the disk is detected during the recording operation and the number of read errors reaches a set value, a recording rate is changed to a lower speed.

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